

BACTERIOLOGICAL ANALYSIS

16	E coli	IS 1622: 1981	No of E.coli/100mL	Shall not detectable in any 100ML of sample	Absent
17	Coliforms	IS 1622: 1981	No of coliforms/100mL		Absent

Remarks:

From the analysis all values are within the acceptable limit. This water is fit for all purposes.

Analysed by:


CHEMIST


MICROBIOLOGIST



NAVARATNA MATSYA SEVANA KENDRAM

TESTING LABORATORY


Authorized Signatory

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APPROVAL NO: PCB/LAB/C15/2023

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TEST REPORT

Test Report No. : AKL/AQUAWTR/1099-2025

Report issue date: 05 /04/2025

Name & address of the customer: Sree Sai Vidhya Bhavan. P vemballur.	Sample Name Provided by the Customer : BORE WELL WATER
Sample ID : WTR/1099/2025	Sample submitted by : Customer
Sampling date (provided by customer): 03/04/2025	Sample quantity : 1L
Sample receipt date : 03/04/2025	Customer Sample ID if any : Nil
Analysis performing date : 03/04/2025-05/03/2025	Description & condition of the sample: Colorless liquid & received under good condition.

SI NO	PARAMETERS	METHOD OF ANALYSIS	UNIT	ACCEPTABLE LIMIT	RESULTS
PHYSICAL PARAMETERS					
1	pH	IS 3025: 1983 (part 11)	-	6.5-8.5	7.47
2	Odour	IS 3025: 1983 (part 5)	-	Agreeable	Agreeable
3	Turbidity	IS 3025: 1984 (part 10)	NTU	1	0.20
4	Total Dissolved Solids	IS 3025: 1984 (part 16)	mg/L	500	77.5
5	Conductivity	IS 3025: 1983	µS/cm	-	156
CHEMICAL PARAMETERS					
6	Alkalinity	IS 3025: (part 23)	mg/L	200	10
7	Chloride	IS 3025: (part32)	mg/L	250	23.15
8	Total hardness	IS 3025: (part21)	mg/L	200	33.98
9	Calcium	IS 3025 (Part 40)	mg/L	75	4.8
10	Magnesium	IS 3025: (part46)	mg/L	30	12.19
11	Salinity			-	0.10
12	Nitrate	IS 3025 (part 34)	mg/L	45	0
13	Nitrite	IS 3025 (Part 34)	mg/L	0.02	0
14	Iron	IS 3025(Part 53)	mg/L	0.3	0
15	Ammonium		Mg/L	Maximum 0.5	0